

BOOK	1025	NO.
FILE	17 p.	



DIAMOND DRILL SAMPLING

On The

JJ.#1.Rec.2422 & JJ.#2.Rec.2423

CLINTON MINING DIVISION

NTS LOCATION

MOUNT WADDINGTON 92N

MINERAL CLAIM MAP 92N/10W

LAT.51 deg. ~~31~~min 35

LONG.124 deg.47min.

OWNERS OF CLAIMS

Jack James Copeland

Joseph Oliver Giroux

THE OPERATOR

JACK JAMES COPELAND

THE AUTHOR

Jack James Copeland

Date: October 4th 1988

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

17,858

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I. INTRODUCTION

(i) LOCATION & ACCESS

The Mineral Claims, being the J.J.#1, Rec.#2422 (12 units) and the J.J.#2, Rec.#2423 (6 units) are located in the Clinton Mining Division B.C.

Mineral Claim Map 92N/10W. at Longitude 124 deg.47 min.

Latitude 51 deg.35 min. NTS Mount Waddington Sheet. Blackhorn Mountain. Wolverine Lake area.

The property is located south west of Williams Lake, 546 Kil. via Trans Canada Hwy. from Vancouver, B.C. thence west on Hwy. 20 to the Hamlet of Tatla Lake, 240 Kil. The highway is paved to Tatla Lake. From the cutoff south from Hwy 20. an up graded road leads to Bluff Lake, There White Saddle Air Services has there Helicopter Base, the property lies app. 20 Kil. southwest, Air time fully loaded Jet Ranger app. 15 min.

The claims encompass a very rugged terrain, with elevations rising from 1800M on the eastern boundry to over 2700M on the western side. covering the southern flank of Blackhorn Mtn. a peak of 3200M.

(ii) Property Owners, History, & Economic Assessment

The current claim group consists of the following:

J.J.#1. Rec.#2422 (12 unit) Staked 10th Oct. 1987, Recorded 13th Oct. 87

J.J.#2. Rec.#2423 (6 unit) Staked 10th Oct. 1987, Recorded 13th Oct. 87

On the 10th April 1988 a true BILL OF SALE was recorded, vesting a 50% interest to Mr. Joseph Oliver Giroux.

On the 10th April 1988, Mr. Giroux, executed and recorded a full POWER OF ATTORNEY to me JACK JAMES COPELAND.

On August 15th 1988 a NOTICE TO GROUP was filed and recorded.

The Operator for the current work is Jack Copeland. FMC.# 286106 COPE J

(ii) HISTORY

The property was first staked in 1936, on the basis of several finds of gold-bearing quartz veins, and a company Homathko Gold Mines Ltd. was formed in 1937 to develop the showings.

Work carried out during the period 1936-39 included surface trenching on a number of showings, open cut mining and milling (Gibson Prospector Mill) of 5-7 tons of very high grade ore, the establishment of an aerial tram line, the driving of an adit (30M) and drifting on the strike of the vein (58M), and approximately 600M of diamond drilling. The majority of this work was done while the property was under option to N.A. Timmins Ltd.

This work is described in the British Columbia Minister Of Mines Annual Reports for the years 1936-37-38-39 all in Part "F".

With the advent of World War II, all work ceased on the property.

In 1943 the claims reverted to the Crown, by an error of management in not renewing their company mining license on the anniversary date.

The property lay dormant with no existing mineral claims, The area was visited by H.W. Tipper, Geological Survey of Canada (see Bibli) in 1967.

In 1978 One claim (4 units) was staked by M. King, lapsed in 1979.

In 1979 One claim (6 units) was staked by P. MacDonald.

In 1980 Three claims were staked by the Writer, 42 units in all, to encompass the out crops of the Green Stone Belt and line of strike of the quartz veins.

In 1984 the Writer staked an additional 48 units, held in trust by T.I. Waugh, for the Writer. ?.

In 1987 the strategic center group of claims, where allowed to lapse. and where duly staked by the author and in the presence of Mr. J.O. Giroux .

These claims encompass all known economic mineral occurrences for a strike length of 3000M and the dip of 1500M.

(iii) Summary of Work Done

Work commenced on the 6th JULY 1988 ceased Eve. 26th JULY 1988.

The reader will please refer to the Minister of Mines Annual

Reports:

1937 P.F4 Lines 6-9 incl.

1938 P.F31 Lines 5-39 incl.

The purpose of the work this year was to determine, whether or not the rusty weathering conglomerate beds were auriferous.

O'Grady states that samples taken by him, showed only trace Au, Ag.

The claim owners stated that appreciable gold assays had been obtained in the oxidized conglomerate beds.

A camp was established at the 2150M elevation where Tipper, GSC. had a fly camp in 1967.

The spring run off was 1 month late this year at this elevation, it was my experience in the past eight years that most of the area would be snow free, and that ample water would be available, not so this season.

A total of ten holes were drilled, using JKS-BOYLES, GSC #10 pack board diamond drill. Snow was melted to get sufficient water for 5 of these holes. All holes were drilled in conglomerate. Holes were plugged, identified by assay coupon numbers, and flagged with pink flagging. The core was split on our return to Vancouver, the ten split samples were assayed at General Testing Laboratories, 1001 East Pender St. Vancouver, B.C. (Pulps retained).

Four blast holes were drilled with a bull nose bit into the conglomerate, these holes were blasted and bulk samples taken and assayed at Chemex Labs Ltd. 212 Brooksbank Ave. North Vancouver, B.C. Samples assayed for Au. 32 Element Rock Geochem.

#2 TECHNICAL DATA & INTERPRETATION

1. Sampling was carried out using a JKS-BOYLES, GSC. #10 Diamond Drill.
2. A total of 10 sampling holes were drilled into OXIDIZED CONGLOMERATE: see #6, Map #2, page #II of this report. It is of the utmost importance that the reader avail himself to the references on #5, page #9 of this report, to fully appreciate the significance, of why this seasons work was accomplished, and the result being, that in the conglomerate it was found to be "GOLD" bearing.
See B.C. MINISTER OF MINES ANNUAL REPORT 1937 Part F, page F4, lines 4-9 incl.
3. Hole depths, 1.5 metres. (5' core barrel).
4. Core recovery 95%.
5. All holes were wooden plugged, numbered #1-#10, assay coupon numbered and depth. See #6, map #2, page #II of this report.
6. Core was split at my home in Vancouver. The assaying of core samples was assayed by General Testing Laboratories, Vancouver B.C.: see #7, page #12 .
Pulps are retained at Lab.
7. 4 Blast holes were drilled into the oxidized conglomerate, and were blasted to obtain bulk samples. See #6, map #2 page #II.
8. Hole depths 1 metre.
9. Bulk samples were sent to CHEMEX LABS NORT VANCOUVER, see #8, page #13, 14.
Fire assay Au., 32 element Rock GEOCHEM.
10. Pulps retained at Lab.
11. Remaining split core, and bulk samples, are in storage at my home, #1001-512 Campbell Ave. Vancouver, B. C.
12. Diamond Drill core recovered, app. 15 metres.

4 Blast Holes	4 metres.
Total Drilling	19 metres.

HOLE NO.	DEPTH.	ROCK TYPE.	MINERALIZATION	#	ASSAY. GOLD.	SILVER.	REMARKS.
#1	1.5 m.	Conglomerate.	Pyrite. Cu. Zn.	D3I76.	0.008.	0.05	See:2, Page 6
#2	1.5 m.	Conglomerate .	Pyrite. Cu. Zn.	D3I77.	0.008.	0.05	
#3	1.5 m.	Conglomerate.	Pyrite. Cu. Zn.	D3I78.	0.006.	0.05	
#4	1.5 m.	Conglomerate.	Pyrite. Cu. Zn.	D3I79.	0.008.	0.03	
#5	1.5 m.	Conglomerate.	Pyrite. Cu. Zn.	D3I80.	0.004.	0.02	
#6	1.5 m.	Conglomerate.	Pyrite. Cu. Zn.	D3I81.	0.004.	0.02	
#7	1.5 m.	Conglomerate.	Pyrite. Cu. Zn.	D3I82.	0.002.	0.02	
#8	1.5 m.	Conglomerate.	Pyrite.	D3I83.	0.002.	0.02	
#9	1.5 m.	Conglomerate.	Pyrite.	D3I84.	0.002.	0.02	
#10	1.5 m.	Conglomerate.	Pyrite.	D3I85.	0.002.	0.02	

#2. TECHNICAL DATA & INTERPRETATION
Core Sample Log.

TECHNICAL DATA & INTERPRETATION

The 10 sample diamond drill core specimens of the conglomerate, vary little in their composition, being highly chloritic and in some cases schistose, the pebble matrix has been elongated, and it is along the stress plain that the pyritization occurs in elongated masses.

Iron pyrite, constitutes 8-9% of the core, sphalerite and chalcopyrite are sparsely disseminated. (see P. 13, 14. GEOCHEM results.).

The conglomerate bed varies in thickness from 75 metres to 100 metres along the areas where it is accessible to measure, it is contiguous for 3000 metres on the property.

The gold content so far, this area is so extensive, open pit mining of the known gold veins with the conglomerate bed, possibly could be feasible.

This would be "GRAVITY FEED" to a mill on Wolverine Lake.

#3 ITEMIZED COST STATEMENT

(a) PERSONNEL

J.J.COPELAND, Prospector: July 4-26 & Sept.28-29	25 days @ 100.00	\$2500.
J.O.GIROUX, Field Assistant July 5-26	22 days @ 75.00	<u>\$1650.</u>
	Total	\$4150.00

(b) FOOD & ACCOMODATION

Camp food & supplies	25 days	\$408.00
Camp equipment purchase		<u>\$554.00</u>
	Total	962.00

(c) Equipment rental. Mining Suplies.

JKS.GSC.#10, core sampling Diamond Drill. 1 Mos. diamond drill bits.		\$350.00 <u>\$218.00</u>
1 case Forcite, 70% blasting caps.		\$216.00
Drill Gas & Oil		\$ 27.00
Misc.		<u>\$ 98.00</u>
	Total	\$909.00

(d) TRANSPORTATION

Station Wagon: Vancouver to White Saddle Helicopter Base - Bluff Lake & Return July 5-6 & July26-27		\$250.00 <u>\$250.00</u>
White Saddle Air Services Helicopter from Bluff Lake to Property & return July.6 & July.26		\$812.00 <u>\$120.00</u>
2 way Radio Rental		\$912.00

(e) ASSAYING

Split Diamond Drill Sampling cores. Bulk Specimen Samples		\$204.00 <u>\$204.00</u>
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(f) REPORT COST

Typing, and correlation, etc.		\$ 90.00 <u>\$90.00</u>
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TOTAL COST	\$7.477.00
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#4 AUTHOR'S QUALIFICATIONS

I, Jack James Copeland, of the City of Vancouver, British Columbia, the author of this report, hereby submit that I have the following qualifications:

(a) 40yrs. Prospecting through out Canada for various

Major Mining Companies:

Canadian Johns-Manville, Magnetometer operator, Matheson, Ontario.
GEO. in charge Noel Hendry.

Flintkote Asbestos Corp. Prospector, Matheson, Ontario.
GEO. in charge Howard Banting.

Technical Mines Consultants, Prospector, Sioux Lookout, Ontario.
GEO. in charge Frac R. Joubin.

Quebec Labrador Development Co. Ltd. Lead Prospector, Fort Chimo, Ungava. Que.
GEO. in charge K. Burwash.

North Western Exploration (KENNCO) Lead Prospector, Nahanni Valley, Yukon Terr.
GEO. in charge David Barr.

Conwest Exploration Co. Ltd. Lead Prospector, Ontario, Quebec, Manitoba.
GEO. in charge Joseph Rankin.

Mining Scout (incognito) Uranium City Saskatchewan. Company, priviledged information.

Gold Mine Owner and operator, Cassiar, B.C. (see B.C. MIN. of Mines. 1960)

Northgate Exploration Co. Ltd; Lead Prospector, Stikine River Area, B.C.
GEO. in charge Gordon Moore.

Many years where spent prospecting in various parts of Canada, on my own resources.

(b) I, have personally been associated with this property since August 1980.

(c) I, have compiled this report from my own personal observations and work, and published reports.

Dated at Vancouver, British Columbia, this the 4th day of October, 1988.

Jack James Copeland
JACK JAMES COPELAND
Prospector.

#5 REFERENCES

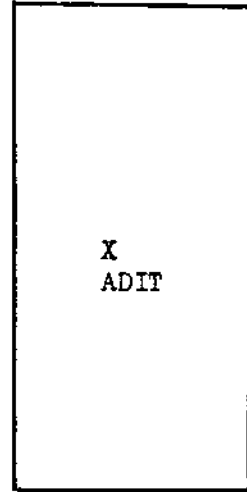
1. B.C. MINISTER of MINES ANNUAL REPORT, 1937 Part "F"
2. B.C. MINISTER of MINES ANNUAL REPORT, 1938 Part "F"
3. B.C. MINISTER of MINES ANNUAL REPORT, 1939 Part "F"
4. GEOLOGICAL SURVEY of CANADA, Mesozoic and Cenozoic.
Mount Waddington, Map Area , Paper 68-33.
Tipper, H.W.
5. McCONNELL, G.W. , GEOLOGICAL REPORT.
Consultants Report to previous owners of
claims now covered by JJ.#1 & JJ.#2
filed as assessment work. #10654/92N.
6. GEOLOGICAL SURVEY of CANADA
West Chilko Lake,
Dolmage, 1925, Part "A".

BLACKHORN Mtn.

X Elev. 3000M.

RAZOR Ck.

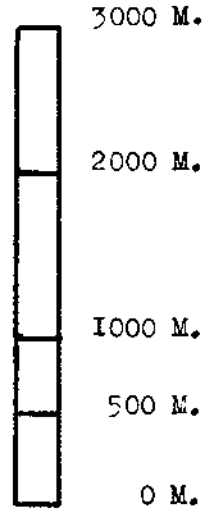
20 Km. To BLUFF LAKE



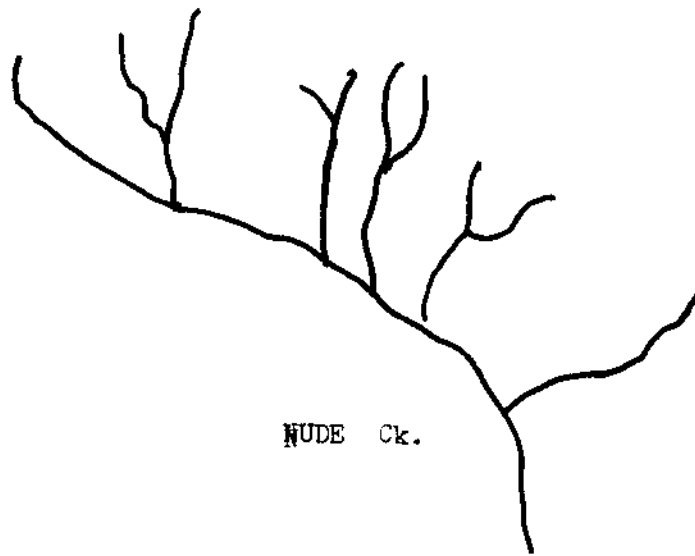
J.J.#1
J.J.#2

CLAIM GROUP

WOLVERINE LAKE



N. Ast.



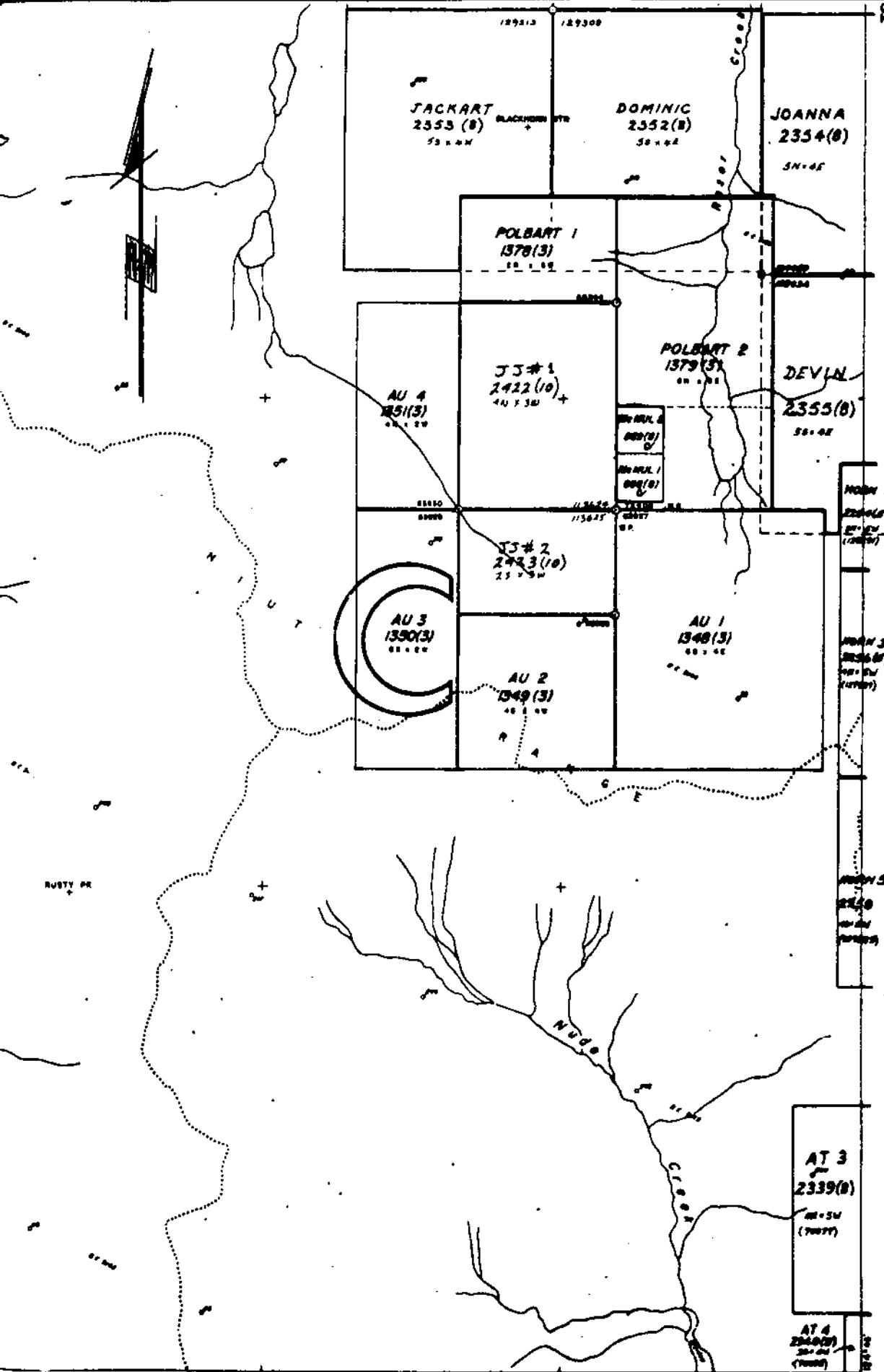
124 deg. 45 Min.

51 deg. 30 Min.

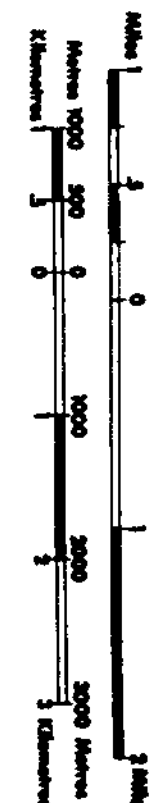
6. INDEX MAP

92N/10W

MAP #1



TO
 10 GENERAL CLAIM
 MINERAL CLAIM
 REAL CLAIM
 L. OWNER'S PORT
 PORT & TAG NUMBER 0000



Province of British Columbia
 Ministry of Energy, Mines and Petroleum Resources

UNLESS OTHERWISE SO INDICATED, THE MAP PORTION OF A
 LOCAL OWNER PORT IS BASED ON THE LOCATOR'S SECTION, FOR THE
 THEN INCORPORATION, APPLY TO THE OFFICE OF THE CHIEF SURVEYOR
 COASTAL DIVISION.
 DATE OF MICROFILM: 89 NOV 10

M92N
10W

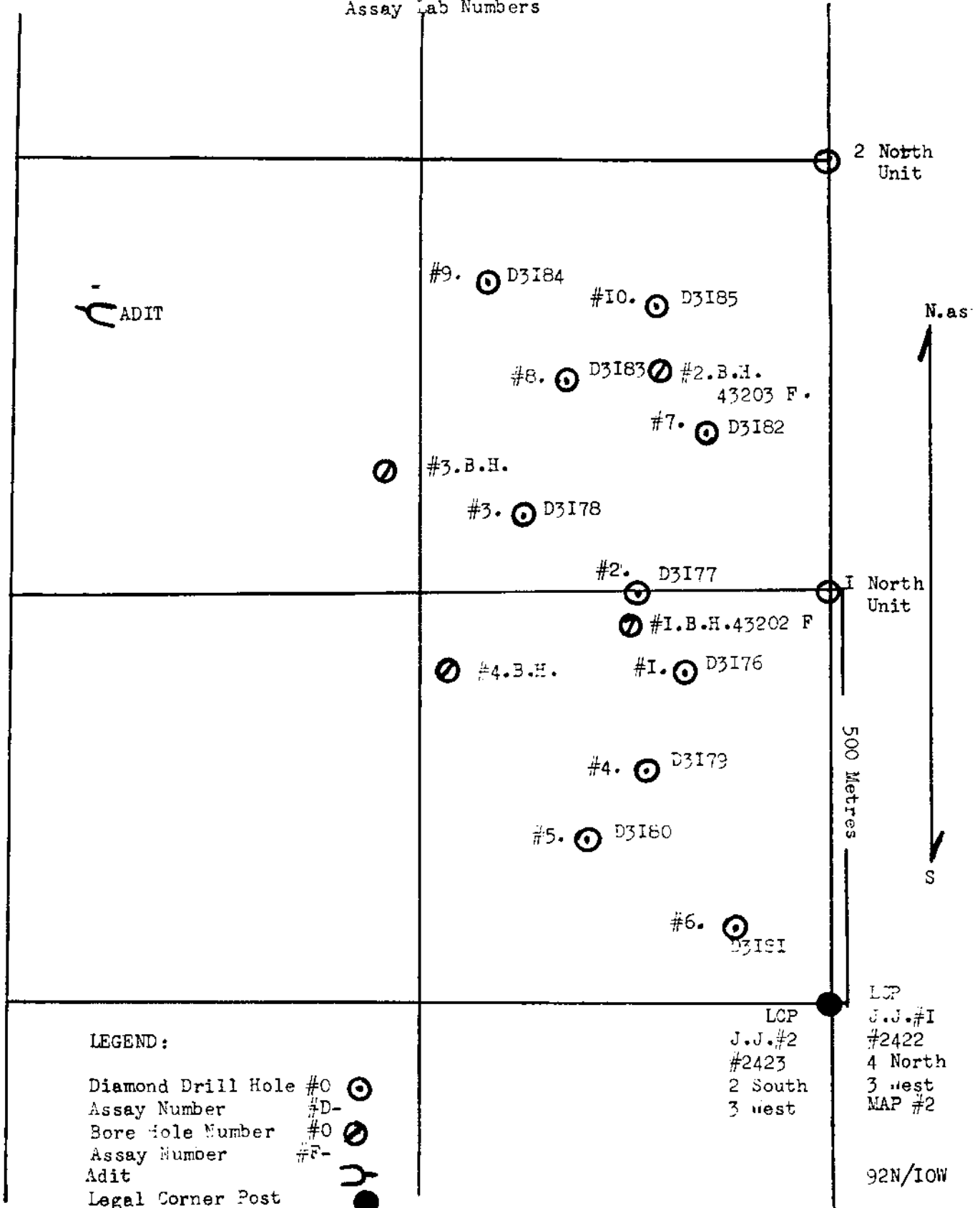
92N/7W
PETROLEUM RESOURCES

The map is prepared only as a guide to the location of mineral claims and Placer Mining Leases as shown on the locator's sketches. For current or more specific information, application should be made to

B.C.

6. Diamond Drill Core Sampling Location Plan

Assay Lab Numbers



LEGEND:

- Diamond Drill Hole #0
- Assay Number #D-
- Bore Hole Number #0
- Assay Number #F-
- Adit
- Legal Corner Post

LCP
J.J.#1
#2422
#2423
2 South
3 west

LCP
J.J.#1
#2422
4 North
3 west
MAP #2

92N/10W

CERTIFICATE OF ASSAY

Page 12
Date: August 11, 1988
File: 8808-0250



SGS SUPERVISION SERVICES INC.
General Testing Laboratories Division
1001 East Pender Street,
Vancouver, B.C., Canada. V6A 1W2
Telephone: (604) 254-1647
Telex: 04-507514

TO: MR. JACK JAMES COPELAND
1001 - 512 Campbell Ave.
Vancouver, B.C.
V6A 3K3

We hereby certify that the following are the results of assays on: Ore

MARKED	GOLD	SILVER	XXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
	oz/st	oz/st						
Split Drill Cores								
D3176	0.008	0.05						
D3177	0.008	0.05						
D3178 ✓	0.006	0.05						
D3179 ✓	0.008	0.03						
D3180	0.004	0.02						
181	0.004	0.02						
D3182	0.002	0.02						
D3183	0.002	0.02						
D3184	0.002	0.02						
D3185	0.002	0.02						

7. REJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST PULPS AND REJECTS WILL BE STORE FOR A MAXIMUM OF ONE YEAR.

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L. Wong

PROVINCIAL ASSAYER

Analytical and Consulting Chemists, Bulk Cargo Specialists, Surveyors, Inspectors, Samplers, Weighers

MEMBER: American Society For Testing Materials • The American Oil Chemists Society • Canadian Testing Association
REFEREE AND OR OFFICIAL CHEMISTS FOR: National Institute of Oilseed Products • The American Oil Chemists' Society
OFFICIAL WEIGHMASTERS FOR: Vancouver Board Of Trade



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANE AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To COPELAND, JACK JAMES

301 - 512 CAMPBELL AVE.
VANCOUVER, BC
V6A 3K3

Project: BLDEN 18312

Comments:

Page No. 1-A

Tot. Pa

Date 1-SEP-88

Invoice #: I-8822536

P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822536

SAMPLE DESCRIPTION	PREP CODE		As ppb	Al	Ag	As	Ba	Bc	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			PA+AA	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
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43203 F	217	238	< 5	3.32	< 0.2	< 5	10	< 0.5	< 2	0.55	0.5	37	30	34	8.50	< 10	1	0.07	10	2.54	953

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
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Project: ELDEN 18312

Comments:

**Page No. 8
Tot. Page
Date -SEP-88
Invoice # : 1-8822536
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8822536

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
43202 F	217	238	1	0.02	6	750	< 2	< 5	4	14	0.30	< 10	< 10	139	< 5	118
43203 F	217	238	< 1	0.03	5	700	< 2	< 5	3	8	0.31	< 10	< 10	167	< 5	129

CERTIFICATION : B. Coughlin